

**Abstract**

390 The invention relates to an arrangement enabling a liquid (2) to flow evenly around a surface of a sample (3); said arrangement has a flow chamber (1) through which a liquid (2) flows via inflow and outflow pipes (7, 8). The sample (3) can be rotated about an axis of rotation  
395 by means of a rotary drive (5). A filter (13) which extends crosswise to the direction of flow of the liquid (2) and which ensures a uniform flow through the inflow and outflow pipes (7, 8) is situated in front of the inflow and outflow pipes (7, 8). The arrangement is  
400 especially suitable for depositing a homogeneous layer of a nickel/iron alloy on a silicon wafer (3). The invention relates furthermore to the use of the arrangement.